Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 21 Aug 2021 until 23:59 on Sunday 22 Aug 2021

Forecast Issued on Friday 20 Aug 2021 at 12:26

Confidence: Confidence is high for a very wet day on Saturday then for increasingly dry conditions into next week. There is some uncertainty over the extent of showers on Sunday and for cloud amounts from Monday.

Headline for Saturday 21 Aug 2021: Near constant heavy rain and poor visibility across the hills. Thunderstorms possible.

Mountain weather hazards on Saturday 21 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Thunderstorm	Heavy Rain	Mist
Precipitation probability							
60%	80%	80%	90%	>95%	70%	60%	40%

Forecast for Saturday 21 Aug 2021

Weather: Rain will become widespread and occasionally heavy through the early hours and cloud will descend onto the hills. This will be leave a wet and dull start with rain turning widely heavy and perhaps torrential through morning. Most persistant rain will clear away northwards from mid afternoon but will leave scattered heavy and possibly thundery showers. Showers will gradually fade through evening but will leave rather misty conditions.

Chance of cloud free mountain/hill tops above 600m: 10%.

Visibility: Cloud will be extensive above around 400m throughout the day and while the odd break is possible, these will be unreliable. This will lead to widely very poor visibility across the hills. Heavy, perhaps torrential rain will bring poor visibility to lower slopes too, this often obscuring nearby landmarks.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 21 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 SW	9/12 SW	10/13 S	12/17 S	12/17 S	11/16 S	8/11 S	10/15 SW	12/18 W
300	6/10 SW	4/6 S	5/9 S	9/15 S	9/14 S	8/15 S	5/9 SW	7/11 SW	8/14 W
Valley	4/9 S	2/7 S	3/10 SE	5/13 SE	5/12 S	5/12 S	3/7 S	5/10 SW	6/13 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/12	13/12	13/12	14/12	14/12	14/12	13/12	12/11	12/9
300	16/15	15/15	15/15	16/15	16/15	16/15	15/15	15/14	14/13
Valley	16/16	15/16	16/16	16/16	16/16	16/16	16/16	15/15	14/14
Freezing Level*	3200m	3200m	3000m	3000m	2900m	2900m	2800m	2700m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy and likely incessant rain will lead to widely sodden ground, small watercourses may become quickly swollen and some flooding of low lying ground, paths and roads is possible. In addition, lightning strikes are a real possibility.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 20 Aug 2021	2mm	6mm	13mm

Forecast for Sunday 22 Aug 2021

Weather: Thick cloud will continue to bring spells of drizzle and misty conditions through morning and will be slow to clear. Very wet conditions likely underfoot initially after Friday's rain. However, drier and brighter weather should develop by late morning, perhaps with some sunshine. Sunny spells and a few showers likely through afternoon, some of these on the sharp side.

Maximum wind: Northerly 15mph.

Chance of cloud free mountain/hill tops above 600m: 10% improving 60% from late morning.

Visibility: Extensive cloud above around 300m through morning bringing widely foggy conditions to all but the lowest levels. Cloud will break and lift erratically through morning allowing for some reasonable views. Areas of cloud above 500m will accompany afternoon showers.

Temperature: **Valleys:** Plus 13 Celsius rising to 18 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above summits.

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